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# Alternative Fuels in State Vehicles

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Energy Center fact sheet

11/2005

## What are AFVs?

Alternative fuel vehicles (AFVs) are those vehicles that can run on non-traditional fuels. Some of these alternative fuels include E-85 (85 percent ethanol), propane, biodiesel and compressed natural gas.

## Why use alternative fuels?

Filling up your state vehicle's tank with alternative fuels makes sense on several levels.

- First, alternative fuels burn cleaner than traditional fuels, thus reducing air pollution and other environmental impacts.
- Alternative fuels also pave the way for greater fuel independence from foreign oil.
- Of these alternative fuels, E-85, a corn-based ethanol blend, offers additional market opportunities for Missouri farmers.
- B20, a blend of 20 percent soy-based biodiesel and 80 percent petroleum diesel, can be used in any diesel engine.

## AFV requirements in Missouri law

Because alternative fuels benefit both Missouri's environment and economy, their use in state vehicles is also Missouri law.

- The Fuel Conservation for State Vehicles statute (Sections 414.400 – 414.417 RSMo) requires the purchase of alternative fuel vehicles and sets goals for the amount of alternative fuels to be used in these vehicles.
- State law requires that 50 percent of new vehicles purchased be AFVs and that 30 percent of the fuel burned in these vehicles be alternative fuels.

## Am I driving an AFV?

- Alternative fuel vehicles in the state fleet should be clearly identified.
- If your agency has a checkout folder system for vehicles, the AFVs should be identified on/in the folder as well.
- Please coordinate with your agency's fleet manager to determine if you are driving an alternative fuel vehicle.



## Alternative Fuels Filling Stations in Missouri

### E-85

- ◆ Alma: BP Amoco/Crossroads Country Market Inc., 14060 Hwy. 23
- ◆ Ballwin: Claymont Auto Services, 15401 Clayton Road
- ◆ Benton: Express Fuel Center, 6156 State Highway 77
- ◆ Bernie: MFA Oil – Petro Card 24, 4740 State Highway 25
- ◆ Charleston: Petro Card 24, Beasley Park Road
- ◆ Columbia: Break Time, 200 N. Providence
- ◆ Columbia: Petro Card 24, 1300 Wilkes Blvd. and College Ave.
- ◆ Columbia: Tiger Mart, 904 I-70 Drive S.W.,
- ◆ Dearborn: Conoco, 17605 Highway 2
- ◆ Edina: Northeast MO Cooperative, Highway 6 and 15
- ◆ Higginsville: MFA Oil Break Time, 2600 Highway Blvd.
- ◆ Jefferson City: Conoco Convenient Mart, 701 Eastland Drive
- ◆ Jefferson City: Conoco Convenient Mart, 3714 W. Truman Blvd.
- ◆ Kansas City: Presto Conoco – Store #29, 649 E. Bannister Road
- ◆ Kearney: Platte-Clay Electric Cooperative, 1000 W. 92 Hwy.
- ◆ Macon: Petro-Card 24, 1805 N. Missouri
- ◆ Malta Bend: MFA Oil Petro-Card, 310 West State St.
- ◆ Marshall: Break Time Convenience Store, 1000 W. College St.
- ◆ Marshall: Thomas Oil Co., 430 N. Lincoln
- ◆ Maryville: MFA Oil Break Time, 1517 East First St.
- ◆ Maryville: Cenex, 1<sup>st</sup> & Depot St.
- ◆ Moberly: Petro Card 24, Highway 24 E
- ◆ Rockport: Missouri Valley Ag, 17800 U.S. Highway 136
- ◆ Rolla: Mobil on the Run, 1710 N. Bishop
- ◆ Smithville: Cenex Ampride, 1102 S. Hwy 169
- ◆ St. Charles: Mobil on the Run, 1401 5<sup>th</sup> St.
- ◆ St. Joseph: Break Time Convenience Store, 402 N. Woodbine

### B20 (20 percent biodiesel)

- ◆ Jefferson City: Convenient Mart, 3714 W. Truman Blvd.
- ◆ Marshall: Thomas Oil Co., 430 N. Lincoln

### Propane

- ◆ The Missouri Propane Gas Association (<http://www.mopga.com>) publishes a directory of propane refueling locations.

## For More Information

For more information about alternative fuels contact:

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